

Address communications to Agronomist, 73 Adelaide St. West, Toronto

The care of live stock during the finement than on range stormy weather of autumn, and when pastures are bare or dry, is an important factor in successful live stock

the cattle quickly make grains, and the weather the cattle dackie Rabbit spiel it first. "Star light, star bright, and the processes, correct certain weak needs of the saturation of the cattle dackie Rabbit spiel it first." "Star light, star bright, and three bases, correct certain weak needs and protect us for protection against disease. Or been deep than the first star I have seen to-night, I wish you may, I wish you might the same and protect us for the latter two lighter than the one so much better than it really is. The offer to the carried of the keep the cattle in considerable and the star of the latter two lighter than the one so much better than it really is. The offer to the carried of the keep the cattle in consideration of the latter two lighter than the one so much better than it really is. The offer to the carried of the keep the cattle in consideration of the latter two lighter than the one so much better than it really is. The offer to the carried the carried of the keep the cattle in consideration of the latter two lighter than the one so much better than it really is. The offer the carried in consideration of the latter two lighter than the one so much better than it really is. The offer the carried in considerable and the same than the constant of the latter two lighter than the one so much better than it really is. The offer the analysis of the latter two lighter than the one so much better than it really is. The offer the analysis of the latter two lighter than the one so much better than it really is. The offer the indicate the carried of the carried to constitute the carried than the carr which acts as a tonic as well as a food, the cattle quickly make gains, and the who wants to sell. Let 'em all bid; it

secretarily the soft where the state of the signal such time. The best two she that the dispetive rout of the any of the distribution underly.

Let a mand-anchement to post-fine the state of the state

sisted of ground bone meal, 8 pounds, ground charcoal 5 pounds, ground rock phosphate 5 pounds, and salt 3 pounds. This mixture was fed at the rate of 3 per cent. of the grain ration. The other foods consisted of a mixture of shorts, four parts, and one part each of corn meal, chopped oats, and charcoal barley. The results showed charcoal barley. The results showed character of ground bone meal, 8 pounds, ground spiral in these, and by their helpful get back, for he could swim. But he was trying to think of some way to get his two little friends back with house and the tile laid under the lawn or garden.

"If we only had a paddle," said Willie.

"Yes, and if we had wings we might fly," said Johnnie.

"Parkara the wind will change and chopped barley. The results showed that, in every instance where the mineral was fed, greater and cheaper gains were made. Some of the lots There are two main sources, namereceived boiled potatoes in addition to
the other feeds. It is reported by Mr.

W. H. Hicks, the superintendent who
conducted the experiment, that the potatoes apparently had a good effect,
especially on the health of the pigs,
more particularly in relation to rheumatism, as no stiffness was present in
any of the pens where notatoes were
There are two main sources, namety, well and spring (both hard water)
and rain water (soft). Any one
thinking of installing a modern water
system and plumbing in his home
should make sure that his water suptected from all possible sources of contamination. Much more water will be
used daily under modern than under matism, as no stiffness was present in any of the pens where potatoes were fed. Some of the pigs were fed regularly at meal time, while other pens had access to self-feeders. The pigs that had free access to the self-feeders and received no mineral were the greatest sufferers from rheumatism.

tism.

tism.

timination. Much more water will be used daily under modern than under used daily under modern than under used the fold pigs and service—about 30 gallons per person per day. Ask the O. A. College to assist you in solving the following problems in this matter of water supply, so says Prof. R. R. Graham:

1. How to increase the well and

The Septic Tank.

consists of a large concrete tank divided into two compartments by a rain water supply.

vertical partition. The size for a single house is about 4'x8' and 3'\(\frac{1}{2} \) running through your house and deep. This tank holds the sewage stables by installing the hydraulic ram long enough for a certain kind of near the spring.

Latteria to destroy the solid matter.

When the liquid accumulates to a control of the solid matter. When the liquid accumulates to a certain amount a non-chemical affair planted in August. Hollyhock seed called a siphon empties ore of the can be planted for next year's flower-chambers into a system of field tile, ing. Ever try the double hollyhocks? called the absorption bed, laid shallow He who permits his hens to roost under the ground. Any remaining upon the wagon wheels in winter, need aewage is destroyed in the soil by annot be surprised if there are no eggs. other kind of bacteria that live near Comfort is a factor in egg production.

AUTUMN CARE OF STOCK. | animals much more quickly in

portant factor in successful live stock husbandry. There are many farmers who feed weil during the winter and about silos. Six years ago I was ready spring, but allow their stock to receive for my first one. Four neighbors a severe setback in the autumn; due bought together and saved about \$20

The Farm Water Supply.

There are two main sources, nam

spring supplies of water.

2. How to safeguard these supplies

from surface contamination 3. How to make more to

Iris and madonna lilies



a severe setback in the autumn; due bought together and saved about \$20 the largely to thoughtlessness for the common each tank because they could be shipped together and the agent got them all on one trip. Orders can be sent direct to the manufacturer where as the summer advances, and the greater need of shelter in autumn than during the summer.

On the rich, succulent grass of June the doesn't matter what kind of a like you get. There is a competitor of the collection of the common state of the collection of the summer.

It doesn't matter what kind of a like you get. There is a competitor of the collection of the c

Mineral Matter for Hogs.

An experiment in hog feeding has sen carried on at the Experimental arm at Agassiz, B.C., to determine is science applied to a useful recognition of the sentence of

"Perhaps the wind will change and merry little breeze will blow us to

shore," said Jackie. But no paddle drifted by and they did not have wings and the merry little breeze they wished for did not come. So it was three frightened little

boys that sailed along their log ship.
As they drifted along the shadows on the shore grew longer. Soon the angry with them because they got sun went to bed behind a hill, and still married they've vowed they'll neve they kept on drifting. Then a little visit them."

star appeared way up in the sky. Little Jackie Rabbit spied it first.



Happy Prospect Indeed "You say they anticipate a very happy married life?"

Having a little spare time on his hands the cameraman decided on an airplane trip and this view of Montreal

EATING RIGHT TO FEEL RIGHT

BY JULIET LITA BANE.

Planting Currants.

An experiment in hog feeding has been carried on at the Experimental Farm at Agassiz, B.C., to determine the influence of feeding mineral matter to hogs. The mineral matture consisted of ground bone meal, 8 pounds, ground charcoal 5 pounds, ground ground charcoal 5 pounds, ground energiage and the second many and the second bottom, the fence will turn little chickens at the minimum expense.

d somewhat before planting, and on this account their growth in the first season will be checked. Where the soil is in good condition, currants, especially the black varieties, make strong growth, and the bushes reach a large size; hence it is better to give them plenty of space, as they will do better and are easier picked than if crowded. Five to six feet is a good distance to plant. If planted closer, especially in good soil, the bushes become very crowded before it is time to renew the plantation. Strong one-year-old plants are the best, but two-year-old plants are better than poorly rooted yearlings. It is better to err on the side of planting a little deeper than is necessary than to plant too shallow. A good rule to follow is to set the plants at least an inch deeper than they were in the nursery. The soil

should be well tramped about the shooting the sun, only he my young plants to prevent its drying out. The best time to plant currants is in the autumn, says the Dominion Horticulturist, Mr. W. T. Macoun, who continues: If planted in the help retain moisture.



Would Be Wholly Undeserved. "They say she'll probably win the

peace prize. "What she! Why to my certain knowledge that woman's responsible for at least a dozen marriages.

Yams belong to the Yam family, while sweet potatoes belong to the Morning-glory family. Irish potatoes belong to the nightshade family.

The windmill is the cheapest source of farm power, and it ought to have more credit than it gets. One drawback to its usefulness is that frequently it is placed too high up in the air.

When the manufacturer sells the Mrs. B. him a high tower to put it on. That shook the furnace he got a drink." is good business for the maker, but not always for the farmer, because To blue a gun barrel without heat,

THE PERPETUAL **CREATION**

Since time began we have entertained many superstitions regarding food. Little girls have eaten bread crusts to make their hair curl, while older girls have eaten carrots to make them beautiful; yet how few people stop and think seriously and sanely about the food which they take into their bodies and put before their families. Scientists tell us that we have entirely new bodies every few years, how are you building yours?

While the whole truth about food is not yet known, there are some things that we do know, and if acted upon would save us much anxiety and actual suffering. The day is fast approaching when we shall have doctors (we have a few of them now) who will treat through food and the alimentary tract in a highly specialized way, just as certain schools treat the

will treat through food and the alimentary tract in a highly specialized way, just as certain schools treat the muscles.

If we choose food wisely we have a right to expect it to build for us new tissues, repair old tissues, regulate body processes, correct certain weaknesses and protect us from disease, nesses and protect us from disease, esting facts, but only a beginning has

One may choose his shooting the sun. But whether it be as he steps from the farmhouse in the morning while the dew still glistens on the clover, whether it be at noon as he rests under the shadow of the ever-greens in the front yard, or whether t be at evening when the notes of the wood thrush come fluting down from the thicket on the hillside—at some time during the day each man should lift his mind and heart to his Maker and ask himself whether he is living his life and doing his work as ever it should be done under his great Master's eye.



Patent Applied For. Mrs. W.--"How did you succeed so well last winter in getting your husband to attend to the furnace so re-

Mrs. B.-"Had one of those hootch farmer a windmill, he wants to sell attachments put on every time he

there are some locations where the clean the barrel thoroughly, and apply windmill will do better work nearer the ground, and there will be less danger from heavy winds. Give the old motor fair play, and it will do its fair the barrel with warm water, dry the share of the world's work and board barrel and with livened oil. ed with lineeed-oil.